

**In the claims:**

1. (currently amended) A method of reducing fabrication errors at a manufacturing facility having a plurality of tools and materials comprising the steps of:  
providing a certification database containing a record of certified user names and tools and /or materials the users are certified to use; ~~and~~  
prohibiting access to said tools and/or materials unless the user is certified according to said record at said certification database;  
said prohibiting step includes locking user access to said tools or materials until granting access according to said record and  
providing certifying and recertifying of a user including a training manager providing a menu of tools and materials to be certified or recertified and providing means for selection of tools and materials to be certified or recertified to use and providing a listing for selection of trainers who are in the system to train to be certified or recertified.  
2. (canceled)  
3. (canceled)  
4. (canceled)  
5. (canceled)  
6. (canceled)  
7. (currently amended): A system for reducing fabrication errors at a manufacturing facility having a plurality of tools and materials comprising:

a certification database containing a record of certified user names and tools and/or materials the users are certified to use; and means for prohibiting access to said tools and / or materials unless the user is certified according to said record at said certification database, said prohibiting access means includes a certification server coupled to said database and said user access means for locking user access to said tools or materials until granting access according to said record;  
a training manager for certifying and recertifying a user; said training manager providing a menu of tools and materials to be certified or recertified and means for selection and a listing of trainers for selection who are in the system to train before giving access to the tools or materials.

8 ( canceled)

9. (canceled)

10. (canceled)

11. (canceled)

12. (canceled)

13. (canceled)

14. (canceled)

15. (canceled)

16. (new) A system for reducing fabrication errors at a manufacturing facility having a plurality of tools and materials comprising:

a certification database containing a record of certified user names and tools and/or materials the users are certified to use;

means for prohibiting access to said tools and / or materials unless the user is certified according to said record at said certification database, said prohibiting access means includes a certification server coupled to said database and said user access means for locking user access to said tools or materials until granting access according to said record;

a training manager for certifying and recertifying a user; said training manager including means for auditing a person to be a user; said auditing means including means for determining if the audit is a subform or a primary form where said subform addresses devices that use unique combinations/sequences of log points and operations on a tool; and if a primary form or subform means for determining if the audit is an initial certification or recertification.

17. (new)        The system of claim 16 wherein if the audit is a subform and is an initial certification means for determining if the minimum training time limit is passed on the primary form and if not terminating the audit and if the minimum time limit is passed determining if there is a prerequisite certification for this audit and if not performing the audit and if so determining if the trainer has the required prerequisite and if not to terminate the audit and if so begin the audit.

18. (new)        The system of claim 16 wherein if a subform and a recertification is to be performed determining if an audit is required for recertification and if not terminating the audit and if recertification is required determining if the certification

is locked in a table on a primary form and if so to terminate the audit and if not to begin the audit.

19. (new) The system of claim 16 wherein if the audit is a primary certification and is an initial certification determining if the minimum training time limit is passed and if not terminating the audit and if the minimum training time has passed determining if there is a prerequisite certification for this audit and if not performing the audit and if so determining if trainer has the required prerequisite and if not to terminate the audit and if the trainer has the required prerequisite performing audit.

20. (new) The system of claim 16 wherein if the audit is a primary re-certification determining if an audit is required and if the audit is not required terminating the audit and if determining the audit is required determining if the certification is locked in a training table and if so to terminate the audit and if not to begin the audit.

21. (new) A method for reducing fabrication errors at a manufacturing facility having a plurality of tools and materials comprising:  
providing a certification database containing a record of certified user names and tools and/or materials the users are certified to use;  
prohibiting access to said tools and / or materials unless the user is certified according to said record at said certification database;  
auditing a person to be a user comprising the steps of determining if the audit is a subform or a primary form where said subform addresses devices that use unique

combinations/sequences of log points and operations on a tool; and if a primary form or subform determining if the audit is an initial certification or recertification.

22. (new) The method of claim 21 wherein if the audit is a subform and an initial certification determining if the minimum training time limit is passed on the primary form and if not terminating the audit and if the minimum time limit is passed determining if there is a prerequisite certification for this audit and if not performing the audit and if so determining if the trainer has the required prerequisite and if not to terminate the audit and if so begin the audit.

23. (new) The method of claim 22 wherein if a subform and a recertification is to be performed determining if an audit is required for recertification and if not terminating the audit and if recertification is required determining if the certification is locked in a table on a primary form and if so to terminate the audit and if not to begin the audit.

24. (new) The method of claim 21 wherein if the audit is a primary and an initial certification determining if the minimum training time limit is passed and if not terminating the audit and if the minimum training time has passed determining if there is a prerequisite certification for this audit and if not performing the audit and if so determining if trainer has the required prerequisite and if not to terminate the audit and if the trainer has the required prerequisite performing audit.